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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	216	"5311438" "5463555" "5835764" "6324259" "6324523" "6477521" "20010042092" "20020143598" "6633772" "6636862"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 19:06
L2	16	("5311438" "5463555" "5835764" "6324259" "6324523" "6477521" "6633772" "6636862").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 19:06
L3	4	"20010042092" "20020143598"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 19:07
S1	11	SMILEY-KAREN-J SMILEY-KAREN-JANE SMILEY-K-J	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 14:17
S2	51	SUTTON-J	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 18:12
S3	31	SUTTON-JOHN-C SUTTON-JOHN-CHALMERS-III SUTTON-J-C	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 18:12
S4	50	LONG-THOMAS-E LONG-THOMAS-EDWIN LONG-T-E	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 18:13
S5	95	COX-D COX-DAVID-N COX-D-N	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 18:14
S6	216	S1 or S2 or S3 or S4 or S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 18:15

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S7	19	S6 and transform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 18:15
S8	626	(transformer).clm. and (statistic\$5 or correlat\$5).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 14:22
S9	387	S8 and (electric\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 14:20
S10	53	S8 and (data\$1base).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 14:22
S11	1	S10 and (transformer with core).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 14:22
S12	1	S10 and (transformer with core)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 14:23
S13	99	S8 and (data\$1base)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 14:22
S14	16516	(transformer) and (statistic\$5 or correlat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 14:24
S15	2427	S14 and (data\$1base)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 14:22
S16	67	S15 and (transformer with core)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 14:23

## EAST Search History

S17	34	S16 and ((statistic\$5 or correlat\$5) same analy\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 19:06
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IEEE CNF IEEE Conference Proceeding

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**1. Non-destructive measurement of the degradation of transformer insulating paper**

Baird, P.J.; Herman, H.; Stevens, G.C.; Jarman, P.N.:

Dielectrics and Electrical Insulation, IEEE Transactions on [see also Electrical Insulation, IEEE Transactions on]  
Volume 13, Issue 2, April 2006 Page(s):309 - 318  
Digital Object Identifier 10.1109/TDEI.2006.1624275[AbstractPlus](#) | Full Text: [PDF\(1200 KB\)](#) IEEE JNL[Rights and Permissions](#)**2. Non-destructive condition assessment of insulating materials in power transformers**

Baird, P.J.; Herman, H.; Stevens, G.C.:

Electrical Insulating Materials, 2005, (ISEIM 2005), Proceedings of 2005 International Symposium on  
Volume 2, 5-9 June 2005 Page(s):425 - 428 Vol.2[AbstractPlus](#) | Full Text: [PDF\(237 KB\)](#) IEEE CNF[Rights and Permissions](#)**3. Non-destructive and in-situ analysis of insulating materials in high-voltage power transform**

Baird, P.J.S.; Herman, H.; Stevens, G.C.:

Solid Dielectrics, 2004, ICSD 2004, Proceedings of the 2004 IEEE International Conference on  
Volume 2, 5-9 July 2004 Page(s):719 - 722 Vol.2  
Digital Object Identifier 10.1109/ICSD.2004.1350532[AbstractPlus](#) | Full Text: [PDF\(407 KB\)](#) IEEE CNF[Rights and Permissions](#)**4. Spectroscopic measurement and analysis of water and oil in transformer insulating paper**

Baird, P.J.; Herman, H.; Stevens, G.C.; Jarman, P.N.:

Dielectrics and Electrical Insulation, IEEE Transactions on [see also Electrical Insulation, IEEE Transactions on]  
Volume 13, Issue 2, April 2006 Page(s):293 - 308  
Digital Object Identifier 10.1109/TDEI.2006.1624274[AbstractPlus](#) | Full Text: [PDF\(1693 KB\)](#) IEEE JNL[Rights and Permissions](#)**5. Using multivariate statistical method to recognize different aging stages of oil-paper**

Ruijin Liao; Lijun Yang; Jian Li; Bing Xie;

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19-22 Sept. 2004 Page(s):81 - 84  
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## 1. Impact of grounding system design on power quality

Sakis Meliopoulos, A.P.;

[Power Engineering Review, IEEE](#)

Volume 21, Issue 11, Nov. 2001 Page(s):3 - 7

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## 2. Evaluation of flitch plate losses in power transformers

Koppikar, D.A.; Kulkarni, S.V.; Srinivas, P.N.; Khaparde, S.A.; Jain, R.;

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## 3. Statistical switching overvoltage analysis of the first BC Hydro phase shifting transformer using the Electromagnetic Transients Program

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7. **PD-Source Localization in the Insulating System of Large Power Transformers**  
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9. **An improved method for HV substation lightning performance estimation**  
Stojkovic, Z.;  
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10. **Outage data analysis - the base for high voltage network reliability assessment**  
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11. **Procedures for detecting winding displacements in power transformers by the transfer function method**  
Christian, J.; Feser, K.;  
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13. **The impulse design of transformer oil-cellulose structures**  
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**14. Establishing an optimal annealing process of magnetic cores by the Taguchi method**

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**15. Utilizing stray capacitances of a litz wire**

Prasai, A.; Odendaal, W.G.;  
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**16. Analysis of the probability distribution of the baseline wander effect for baseband PAM transmission in medical applications**

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**17. Peak load estimation in distribution networks by fuzzy regression approach**

Cartina, G.; Alexandrescu, V.; Grigoras, G.; Moshe, M.;  
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Baird, P.J.; Herman, H.; Stevens, G.C.;  
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2. **Non-destructive measurement of the degradation of transformer insulating paper**  
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Ruijin Liao; Lijun Yang; Jian Li; Bing Xie;  
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Chao-Rong Chen; Ching-Yin Lee; Yen-Fung Hsu; Hai-Wen Chao;

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[AbstractPlus](#) | Full Text: [PDF\(172 KB\)](#) IEEE CNF[Rights and Permissions](#)**7. Decentralized approach to normal operations for power system network**

Nagata, T.; Fujita, H.; Sasaki, H.;

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6-10 Nov. 2005 Page(s):6 pp.

Digital Object Identifier 10.1109/ISAP.2005.1599298

[AbstractPlus](#) | Full Text: [PDF\(435 KB\)](#) IEEE CNF[Rights and Permissions](#)**8. A look at the pole/zero structure of a Stewart platform using special coordinate basis**

Thayer, D.; Vagners, J.;

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**26. An improved method for HV substation lightning performance estimation**

Stojkovic, Z.;

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**27. Spectroscopic measurement and analysis of water and oil in transformer insulating paper**

Baird, P.J.; Herman, H.; Stevens, G.C.; Jarman, P.N.;

[Dielectrics and Electrical Insulation, IEEE Transactions on](#) [see also [Electrical Insulation, IEEE Transactions on](#)]

Volume 13, Issue 2, April 2006 Page(s):293 - 308

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[Abstract](#) | [Full Text: PDF\(1693 KB\)](#) IEEE JNL[Rights and Permissions](#)**28. Development of probabilistic models for computing optimal distribution substation spare parts**

Chowdhury, A.A.; Koval, D.O.;

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[Abstract](#) | [Full Text: PDF\(168 KB\)](#) IEEE JNL[Rights and Permissions](#)**29. Substation distribution transformers failures and spares**

Kogan, V.I.; Roeger, C.J.; Tipton, D.E.;

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[Abstract](#) | [Full Text: PDF\(728 KB\)](#) IEEE JNL[Rights and Permissions](#)**30. Outage data analysis - the base for high voltage network reliability assessment**

Theil, G.;

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[Abstract](#) | [Full Text: PDF\(565 KB\)](#) IEEE CNF[Rights and Permissions](#)**31. Transformer monitoring-moving forward from monitoring to diagnostics**

Sparling, B.D.;

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[Abstract](#) | [Full Text: PDF\(536 KB\)](#) IEEE JNL[Rights and Permissions](#)**33. Failure analysis of composite dielectric of power capacitors in distribution systems**

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Ariastina, W.G.; Blackburn, T.R.;

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19-22 Nov. 2001 Page(s):864 - 867

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[Abstract](#) | [Full Text: PDF\(315 KB\)](#) IEEE CNF[Rights and Permissions](#)**35. Improving the reliability of transformer gas-in-oil diagnosis**

Duval, M.; Dukarm, J.;

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[Abstract](#) | [Full Text: PDF\(657 KB\)](#) IEEE JNL[Rights and Permissions](#)**36. A newly modified forced oil cooling system and its impact on in-service transformer oil char**

Wahab, M.A.A.; Hamada, M.M.; Zeitoun, A.G.; Ismail, G.;

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[Abstract](#) | [Full Text: PDF\(502 KB\)](#) IEEE JNL[Rights and Permissions](#)**37. Power transformer aging and life extension**

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